

Closed System Vial (CSV) – soils for VOA analysis

Every VOA vial must have a label with the CLP sample number and a numeric/ alphabetic container designation such as 1, 2, 3 or a, b, c. Bubble wrap each vial and place them in the Ziploc bag.

METHOD 5035

EPA Region 6 Sampling Information –

40 mL amber glass vial, 24 mm neck finish, tared or preweighed with a magnetic stir bar.

Sample Volume: 5 g of soil - iced in the field

Container(s): 3 vials with a stir bar, + 1 x 4 oz glass jar (no headspace, for % solids), per station location

Lab QC – Declined. Lab QC is not required.

Sampling Information:

As with any sampling procedure for volatiles, care must be taken to minimize the disturbance of the sample in order to minimize the loss of volatile components. Using the appropriate sample collection device, collect approximately 5g of sample as soon as possible after the surface of the soil or other solid material has been exposed to the atmosphere.

Before adding soil to the pre-weighed vials, **weigh** the vials to confirm the tared weight. If the weight varies by more than 0.1 g; record the new weight on the label on the sample documentation (**SCRIBE weight table**). Using a pen with indelible ink write the CLP sample number and the alphanumeric container designation on the existing label of the pre-weighed VOA vial. Do not add labels to these vials once the tared weight is determined and/or confirmed. An alphanumeric container designation is not needed for the vial to be used for % solids determination as it will not be listed on the weight table.

R6 specific instructions - all containers must have a label with the CLP sample number and the alphanumeric container designation. Custody seals will be placed on the zip lock bags.

After sample is placed in the container (40 mL VOA vial), proceed as follows:

- 1) bubble wrap each vial individually.
- 2) place all three bubble wrapped vials in a zip-lock bag.
- 3) close the zip-lock bag and apply the custody seals to the plastic bag so that the vials cannot be removed without breaking the custody seal. After placing the custody seals, apply the CLP label (waterproof label, indelible ink) with the following information:

Case number
CLP sample number
Station location
Date & Time of Collection
Matrix (soil or sediment)
Preservative used
Analysis

All samples must be iced to $\leq 6^{\circ}\text{C}$, but not frozen, immediately after collection and **samples must be shipped to the laboratory the same day of collection.**

Note: For the samples shipped in the closed system vials, please remember to complete the Weight Table in **SCRIBE** and attach a copy to the traffic reports.